

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	0	"2002209298"	US-PGPUB; USPAT	OR	ON	2009/08/14 15:03
L5	0	"2002209298".pn.	US-PGPUB; USPAT	OR	ON	2009/08/14 15:03
L6	0	"2002209298".pn.	US-PGPUB; USPAT	OR	ON	2009/08/14 15:03
L7	0	"20020209298".pn.	US-PGPUB; USPAT	OR	ON	2009/08/14 15:03
L8	0	"200200209298"	US-PGPUB; USPAT	OR	ON	2009/08/14 15:04
L9	0	"20022092980"	US-PGPUB; USPAT	OR	ON	2009/08/14 15:04
L10	0	"20022092980".pn.	US-PGPUB; USPAT	OR	ON	2009/08/14 15:04
S1	1	("5889872").PN.	US-PGPUB; USPAT	OR	ON	2008/04/29 16:20
S2	1	10/544120.app.	US-PGPUB; USPAT	OR	ON	2008/05/01 09:17
S3	1	"5889872".pn.	US-PGPUB; USPAT	OR	ON	2009/01/28 11:45

S4	21	("5188983"   "5452268"). PN. OR ("5889872"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/28 12:34
S5	60	OHBAYASHI.in. near yoshiaki	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/28 12:37
S7	32	yasuda.in. near mamoru	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/28 12:38
S8	92	saeki.in. near shinichi	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/28 12:38
S9	4	komai.in. near masatsugu	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/28 12:38
S10	14	kagawa.in. near kenichi	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/28 12:39
S11	165	S5 or S7 or S8 or S9 or S10	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/28 12:39
S12	165	S5 or S7 or S8 or S9 or S10	US-PGPUB; USPAT	OR	ON	2009/01/28 12:40
S13	6	("20020067663"   "20030094047"   "5146435"   "5208789"   "5452268"   "5889872"). PN. OR ("7386136"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/28 12:56
S14	15	("2002/0067663").URPN.	USPAT	OR	ON	2009/01/28 13:17

S15	73	("4776019"   "4922471"   "5146435"   "5255246"   "5303210").PN. OR ("5452268").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/28 13:20
S16	0	("2007/0193358").URPN.	USPAT	OR	ON	2009/01/28 13:27
S17	36	("20020067663"   "4628740"   "4776019"   "4825335"   "4908805"   "4910840"   "5146435"   "5151763"   "5178015"   "5357807"   "5408731"   "5449909"   "5452268"   "5490220"   "5506919"   "5531787"   "5740261"   "5748758"   "5831262"   "5870482"   "5939968"   "6012335"   "6078245"   "6108184"   "6191928"   "6282072").PN. OR ("6535460").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/28 14:48

S18	50	("3626096"   "3772133"   "3991285"   "4491697"   "4542264"   "4571661"   "4651120"   "4771638"   "4783821"   "4993072"   "5146435"   "5151763"   "5188983"   "5208789"   "5228341"   "5452268"   "5490220").PN. OR ("5870482").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/28 14:58
S19	49	("3626096"   "3663768"   "3772133"   "3991285"   "4491697"   "4651120"   "4783821"   "4993072"   "5146435").PN. OR ("5490220").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/28 15:01
S20	2531832	breathe right	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/28 15:35
S21	38	breathe adj right	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/28 15:35
S22	38	breathe adj right	US-PGPUB; USPAT	OR	ON	2009/01/28 15:36
S23	7	("20030068055"   "5452268"   "5490220"   "6744896"   "6847090"   "6928178"   "7292696"). PN. OR ("7466834"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/28 16:36

S24	49	("3626096"   "3663768"   "3772133"   "3991285"   "4491697"   "4651120"   "4783821"   "4993072"   "5146435").PN. OR ("5490220").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/28 18:41
S25	26	("20020067663"   "3118022"   "4910840"   "5208789"   "5303210"   "5452268"   "5490220"   "5677965"   "5848172"   "5870482"   "5982709"   "6012335"   "6088463"   "6140689"   "6243474"   "6249075"   "6285771"   "6535460").PN. OR ("7146016").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/28 18:44
S26	0	"2002209298".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/29 14:48
S27	0	"2002209298"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/29 14:48
S28	3	"2002209298"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/29 14:48
S29	517	381/174,175.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/29 17:24

S30	73	("4776019"   "4922471"   "5146435"   "5255246"   "5303210").PN. OR ("5452268").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/30 16:20
S31	11	S30 and ((mono or single) adj crystal)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/30 16:20
S32	87	("20020079550"   "20020102004"   "20020181725"   "20030016839"   "20030133588"   "20040179705"   "20040184632"   "20040184633"   "20050005421"   "20050018864"   "20050089188"   "20050098840"   "20050101047"   "20050102721"   "20050185812"   "20060093170"   "20060093171"   "20060116180"   "20060157841"   "20060280319"   "20070047744"   "20070057602"   "20070058826"   "4492825"   "4524247"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/30 16:21

"4533795"	"4558184"
"4744863"	"4776019"
"4825335"	"4853669"
"4996082"	"5090254"
"5113466"	"5146435"
"5178015"	"5188983"
"5258097"	"5303210"
"5314572"	"5317107"
"5452268"	"5490220"
"5593926"	"5596222"
"5632854"	"5633552"
"5658710"	"5684324"
"5692060"	"5740261"
"5870482"	"5923995"
"5939633"	"5956292"
"5960093"	"6128961"
"6140689"	"6243474"
"6249075"	"6324907"
"6426239"	"6505511"
"6522762"	"6535460"
"6535663"	"6552469"
"6667189"	"6677176"
"6704427"	"6732588"
"6741709"	"6753583"
"6781231"	"6812620"
"6816301"	"6829131"
"6847090"	"6857312"
"6859542"	"6883903"
"6912759"	"6914992"
"7138694"	"7142682"
"7148077"	"7166910").

		PN. OR ("7449356"). URPN.				
S33	91	381/174,175.cols. and oxide	US-PGPUB; USPAT	OR	ON	2009/01/30 16:23
S34	1	"5452268".pn.	US-PGPUB; USPAT	OR	ON	2009/01/30 16:34
S35	1	"5208789".pn.	US-PGPUB; USPAT	OR	ON	2009/01/30 16:58
S36	0	(10/565059).APP.	USPAT; USOCR	OR	ON	2009/01/30 17:41
S37	1	(10/544253).APP.	USPAT; USOCR	OR	ON	2009/01/30 17:41
S38	1	("5490220" or "200394047").pn.	US-PGPUB; USPAT	OR	ON	2009/08/11 11:46
S39	1	("5490220" or "2003094047").pn.	US-PGPUB; USPAT	OR	ON	2009/08/11 11:46
S40	2	("5490220" or "20030094047").pn.	US-PGPUB; USPAT	OR	ON	2009/08/11 11:47
S41	3	("2003/0094047").URPN.	USPAT	OR	ON	2009/08/11 11:52
S42	6	("20020067663"   "20030094047"   "5146435"   "5208789"   "5452268"   "5889872"). PN. OR ("7386136"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/11 11:52



S43	7	("20030068055"   "5452268"   "5490220"   "6744896"   "6847090"   "6928178"   "7292696"). PN. OR ("7466834"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/11 12:21
S44	78	("4776019"   "4922471"   "5146435"   "5255246"   "5303210").PN. OR ("5452268").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/11 13:09
S45	6	("20020067663"   "20030094047"   "5146435"   "5208789"   "5452268"   "5889872"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/11 13:14

### EAST Search History (Interference)

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8/ 14/ 2009 3:22:12 PM

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detecting mechanism and process for manufacturing the same.wsp